



SEQUENCE LISTING

<110> CLINTON, MICHAEL

<120> AVIAN SEX DETERMINATION METHOD

<130> 102286.157 US1

<140> 10/524,475

<141> 2005-02-11

<150> PCT/GB03/003536

<151> 2003-08-13

<150> GB 0218955.3

<151> 2002-08-14

<160> 30

<170> PatentIn version 3.3

<210> 1

<211> 318

<212> DNA

<213> Gallus gallus

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<212> DNA

<213> Gallus gallus

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atgttgctag	catgcgcagg	gagaaaattc	gacaggccaa	agcccagcac	gaccttaata		180
tggccgccat	tgtttgagat	gattaaaact	atgtttttac	gaacatatta	ataagagcaa		240
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ggaggaggga	aaggctgaag	ttcccaacgc	cttcttcact	tctggcttta	gcagtgaagc		360
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acgcccctcg	attcccagtg	ccttctttac	ttctgtctgt	ttctgactgt	tgcacctgtg		480
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ccctgcaaaa	actttgcgcg	cgcttttccc	ttgttgtgtt	ttccttccgc	ctgtgatcga		600
ccgagaaaaga	gaacccgccc	cccccccgct	tccaaccgga	atcatgaaac	attgtcacac		660
tgcggtggta	accatctctg	cattcctgta	acaaatcctt	gcttttcttt	tctgtctttt		720
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 cctgcttcca accagaatcg tgaaacattg tcacactgcg gtggtaacca tctctgcatt 660
 cctgtaacaa atccttgctt ttcttttctg tcttttcaact attgctttcg tcactccgcc 720
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agaataaacg	cccctcgatt	cccagtgcct	tctttacttc	tgtctgtttc	tgactgttgc	960
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<212> DNA

<213> Meleagris gallopavo

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agagaacctg	cacccccag	ccccgctgcc	aaccagactc	atgaaacatt	gtgacactgc	180
ggtggtaaca	atctctgcct	tcctgtaaca	aatcctcgct	tttcttttct	gtctttttac	240
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<210> 7

<211> 294

<212> DNA

<213> Coturnix coturnix

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gagggagaga	attgacagcc	tgactgcct	ctgctgacca	gactcatgga	acactgtcat	180
actgcagtga	taactatctc	tgatttccta	taacaaaccc	ttgcttttat	tttcttttct	240
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<210> 8

<211> 91

<212> PRT

<213> Gallus gallus

<400> 8

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			20					25					30		
Ala	Cys	Asp	Arg	Pro	Arg	Lys	Arg	Thr	Cys	Pro	Ser	Thr	Pro	Ala	Ser
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Asn	Gln	Asn	His	Glu	Thr	Leu	Ser	His	Cys	Gly	Gly	Asn	His	Leu	Cys
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 <213> Gallus gallus

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 <213> Gallus gallus

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Thr Thr Leu Ile Trp Pro Pro Leu Phe Glu Met Ile Lys Thr Met Phe
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Leu Arg Thr Tyr
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 <213> Gallus gallus

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Phe Pro Ser Ala Cys Asp Arg Pro Arg Lys Arg Thr Arg Pro Pro Pro
 20 25 30

Ala Ser Asn Arg Asn His Glu Thr Leu Ser His Cys Gly Gly Asn His
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Leu Cys Ile Pro Val Thr Asn Pro Cys Phe Ser Phe Leu Ser Phe His
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Tyr Cys Phe Arg His Pro Thr Ser His Pro Gln Ala
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<210> 13
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 <213> Gallus gallus

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 35 40 45
 Ala Phe Leu
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<210> 14
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<400> 14
 Met Ala Val Lys Cys
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 <213> Gallus gallus

<400> 15
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 Arg Arg Glu Lys Ile Arg Gln Ala Lys Ala Gln His Asp Leu Asn Met
 20 25 30
 Ala Ala Ile Val
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<210> 16
 <211> 32
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<400> 16
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 20 25 30

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 <211> 51
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 20 25 30
 Ile Arg Gln Ala Lys Ala Gln Gln Asp Leu Asn Leu Ala Ala Ile Val
 35 40 45
 Arg Asp Asp
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<210> 18
 <211> 76
 <212> PRT
 <213> Gallus gallus

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 20 25 30
 Ala Ser Asn Gln Asn Arg Glu Thr Leu Ser His Cys Gly Gly Asn His
 35 40 45
 Leu Cys Ile Pro Val Thr Asn Pro Cys Phe Ser Phe Leu Ser Phe His
 50 55 60
 Tyr Cys Phe Arg His Pro Ala Ser His Pro Gln Ala
 65 70 75

<210> 19
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 <212> PRT
 <213> Gallus gallus

<400> 19

Met Ala Val Lys Cys Trp Arg Gly Arg Pro Gly Val Cys His Leu Trp
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Met Lys Asp Gly Gln Leu Gly Glu Ser Ala Arg Met Leu Leu Ala Cys
 20 25 30

Ala Gly Arg Lys Phe Asp Lys Pro Lys Pro Ser Lys Thr Leu Ile Trp
 35 40 45

Pro Pro Leu Phe Glu Met Ile Lys Thr Met Phe Leu Arg Thr Tyr
 50 55 60

<210> 20

<211> 35

<212> PRT

<213> Gallus gallus

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Gly Leu Cys Lys Asn Phe Cys Ala Arg Phe Ser Leu Ala Val Phe Ser
 20 25 30

Phe Arg Leu
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<213> Gallus gallus

<400> 21

Met Tyr Gly Leu Cys Lys Asn Phe Ala Arg Ala Phe Pro Leu Leu Cys
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Phe Pro Ser Ala Cys Asp Arg Pro Arg Lys Arg Thr Cys Pro Pro Pro
 20 25 30

Ala Ser Asn Arg Asn His Glu Thr Leu Ser His Cys Gly Gly Asn His
 35 40 45

Leu Cys Ile Pro Val Thr Asn Pro Cys Phe Ser Phe Leu Ser Phe His
 50 55 60

Tyr Cys Phe Arg His Pro Thr Ser His Pro Gln Ala
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<210> 22

<211> 51

<212> PRT

<213> Gallus gallus

<400> 22

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 35 40 45

Ala Phe Leu
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<212> PRT

<213> Gallus gallus

<400> 23

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Ser Thr Ala Gln His Gly Ser Ala Arg Leu Gly Ser Pro Arg Leu Ala
 20 25 30

Ser Ala Arg Ser Arg Pro Arg Arg Arg Ser Leu Gly Arg Gln Ser Ala
 35 40 45

Ala Ala Val Ser Ala Pro Arg Leu Ala Val Ser Pro Ala Leu
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<210> 24

<211> 48

<212> PRT

<213> Gallus gallus

<400> 24

Met Ala Gln His Gly Ser Ala Arg Leu Gly Ser Pro Arg Pro Gly Pro
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Ala Leu Gly Gly Ala His Trp Ala Asp Arg Ala Pro Arg Pro Phe Pro
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Arg Leu Gly Trp Leu Ser Arg Leu Pro Phe Lys Leu Val Pro Ala Leu
 35 40 45

<210> 25

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<213> Artificial sequence

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